

Amendments to the Specification:

Please replace the paragraph beginning on page 12, line 3 with the following amended paragraph:

[Page 12, line 3]

The weight functions are chosen such that the quantities whose algebraic signs are taken can never equal zero. The digital sequences  $\{I_n\}$  and  $\{Q_n\}$  44, 45 are converted to analog baseband signals by pulse amplitude modulation by modulators 46, 47, the modulation pulse  $p(t)$  being a constant value of 1 over the chip interval (of length  $T$ ) and zero elsewhere:

$$I(t) = \sum_u I_n p(t - nT)$$

$$Q(t) = \sum_u Q_n p(t - nT)$$